
REMARKS

This Amendment is a full and timely response to the Office Action dated March 3, 2004. A Petition to Extend the Time for this Response to Within the Third Extended Month accompanies this submission. Reexamination and reconsideration are respectfully requested.

Specification

The specification has been reviewed and minor changes made without introducing new matter to the text. In particular, the description of the "boldness" of the positioning pin is amended to describe specifically, as an example, changing of the diameters of the position pins 37a and 37b. See Fig. 9 and the discussions at pages 14 to 18. It seems clear that what is there referred to is best supported by referring to the diameter 39 and the diameter 39A that has had its "boldness" changed, meaning that its diameter is enlarged. See also the statement of the reasons for allowance mentioning the changing of the boldness of the large diameter portion.

In addition, the Abstract has been amended as required by the examiner responsive to the requirement for correction in section 1 on page 2 of the Action.

Priority

It was noted in point 12 on the Office Action Summary that "none" of the certified copies of the priority documents have been received. Acknowledgement is specifically requested of the priority papers filed on February 27, 2004, only four days prior to the mailing of the initial Action. It seems that the priority papers had not yet been matched with this file when the Action was mailed.

Drawings

Changes are made to the drawings to conform with the specification. For example, Fig. 1(a) as shown in the drawings is referred to in the specification as Fig. 1A. Similar changes are made to Figs. 1A, 1B, 2A, 2B, 2C, 10A, 10B and 10C. No new matter is involved.

Allowance of Claims 1 and 2

Claims 1 and 2 were allowed as filed. A minor change to claim 1 is made here to correct a typographical error, changing the word “slid” to –slide--. Allowed claims 1 and 2 are retained.

Claim 4

Claim 4 was indicated to be allowable if rewritten to include the subject matter of its parent claim 3 (as noted) and to overcome the section 112 rejection. Claim 4 was considered to be indefinite for its use of the word “boldness” in the terminal recitation of claim 4. The text specifies that a “positioning position of the movable contact is changed by changing a position of the small diameter portion relative to the die by changing a boldness of the large diameter portion”. Use of this word is believed to be well-supported by references to Figs. 8 and 9 and to pages 14 to 18, among other locations, in the specification. A way to enhance the boldness of the large diameter portion is, as is clear from the sense of the cited passages and the figures is to increase the diameter of the large diameter portion. Thus, a change to the allowed claim does not seem necessary.

However, if the examiner persists in this rejection, he is encouraged to telephone the undersigned to select alternative language to his liking as supported by the cited portions of the specification.

Claim 3

Claim 3 was rejected as being unpatentable over Lin in view of Suwa. Assuming arguendo that the findings relating to the teachings of Lin are appropriate, the examiner noted that Lin does not disclose the use of a positioning hole in which a positioning pin located on the die is fitted during the insert-molding process. In an effort to resolve this observed deficiency of Lin, Suwa was relied upon for its use of positioning pins located on the mold or die for the purpose of positioning the contact within the die during the insert-molding process.

However, the reasons for making this combination are not apparent and are not well supported factually by the argument in the first full paragraph on page 3 of the Action. There, it

is asserted that one of ordinary skill in the art (which art is unsaid) would turn to Suwa from among a plethora of positioning positioning techniques. Thus, on this record, it would seem that Lin does not suggest its modification by Suwa, or vice versa, and noting is pointed out in the art to urge the direction of the modification as stated. At best therefore, hindsight analysis seemed to be needed to reach to Suwa in the absence of a teaching reference. Reconsideration is respectfully requested.

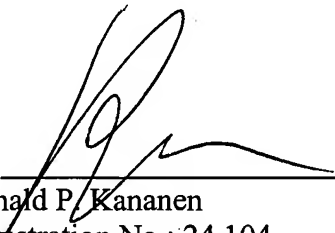
Still further, even if the combination of Suwa with Lin were appropriate and motivated by the skill in the art or the teachings of either, it would appear that Lin teaches away from using positioning holes, pins when it fixedly supports the based portion by the movable board via insert-molding of the resin. As argued, Lin does not require or suggest the use of positioning holes/pins to achieve its purpose, and no suggestion to the contrary is advanced.

Conclusion

Claims 1 and 2 are allowed; claim 4 is arguable allowable without amendment for the reasons noted, and claim 3 is arguable allowable based on the challenge to the motivation to combine the references applied. All other issues are apparently resolved.

Respectfully submitted,

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AMENDMENTS TO THE DRAWINGS

Three (3) attached sheets of drawing include changes to Fig. 1, Fig. 2 and Fig. 10. The change to these Figures is as follows.

Sheet 1 includes Fig. 1 – Please amend the figure as follows – Fig. 1A and Fig. 1B.

Sheet 2 includes Fig. 2 – Please amend the figure as follows – Fig. 2A, Fig. 2B, and Fig. 2C.

Sheet 3 includes Fig. 10 - Please amend the figure as follows – Fig. 10A, Fig. 10B, and Fig. 10C.

Attachment: Three (3) Replacement sheets

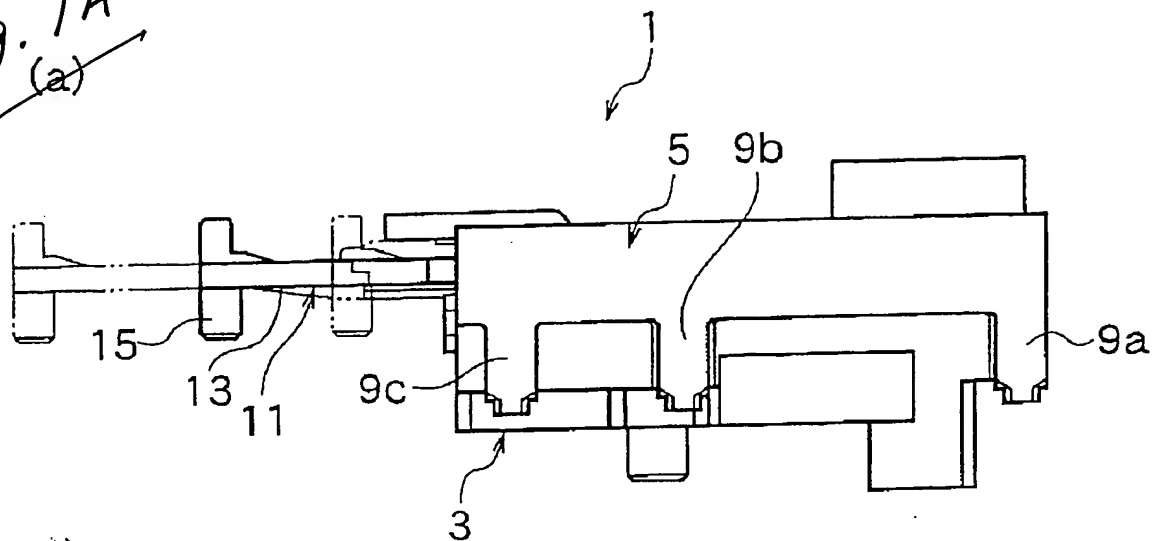
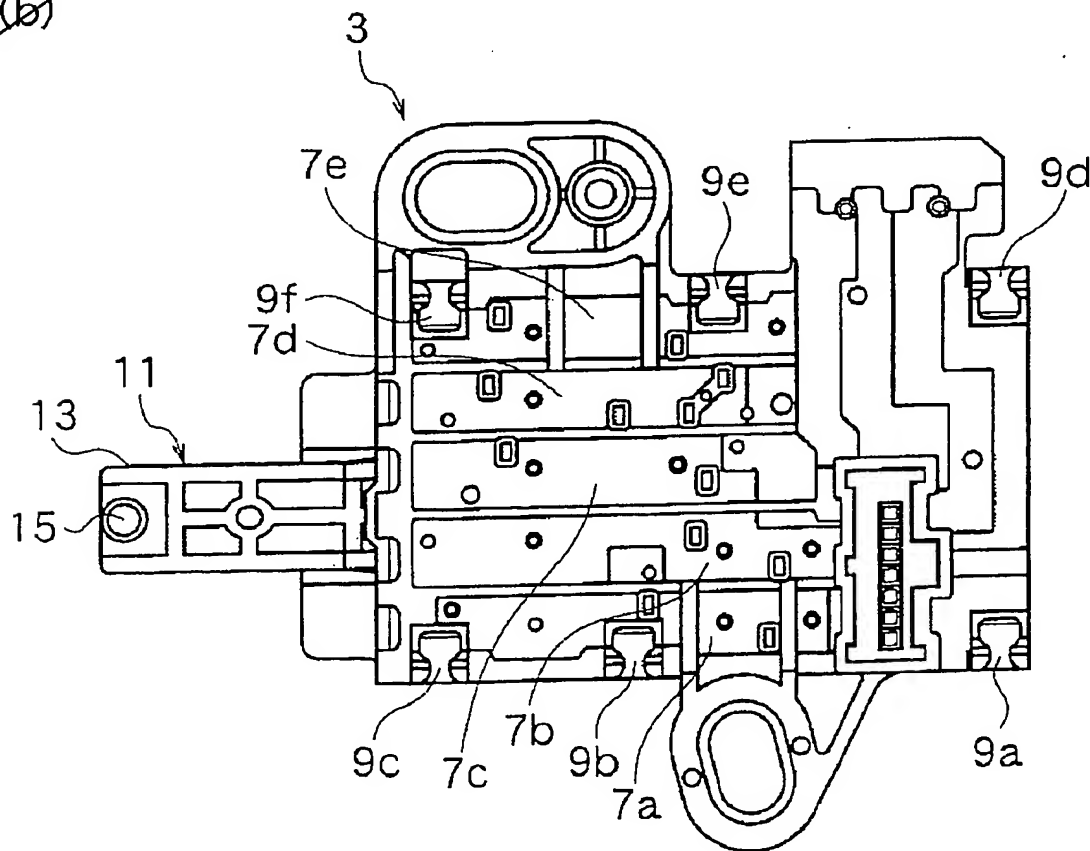
Fig.1*Fig. 1A*
(a)*Fig. 1B*
(b)

Fig.2

Fig. 2A
(a)

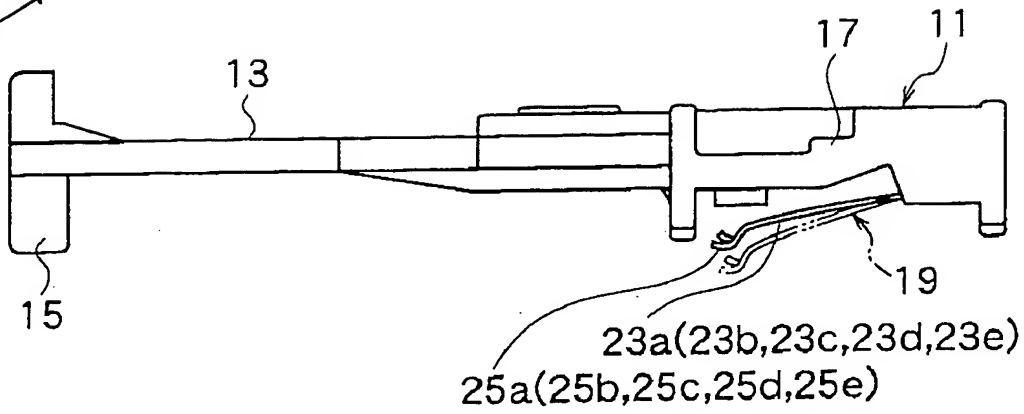


Fig. 2B
(b)

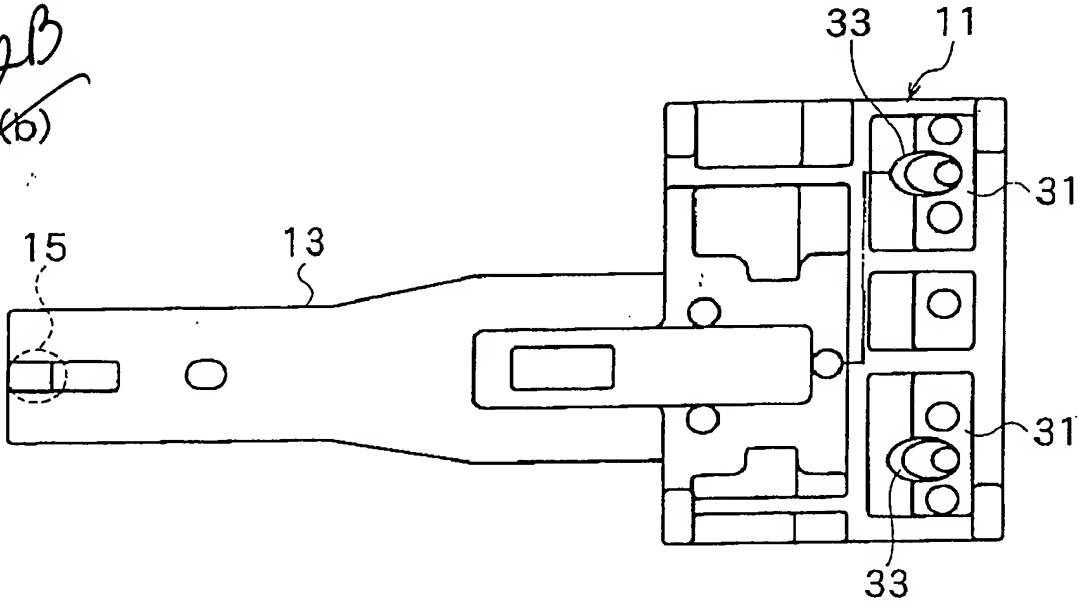


Fig. 2C
(c)

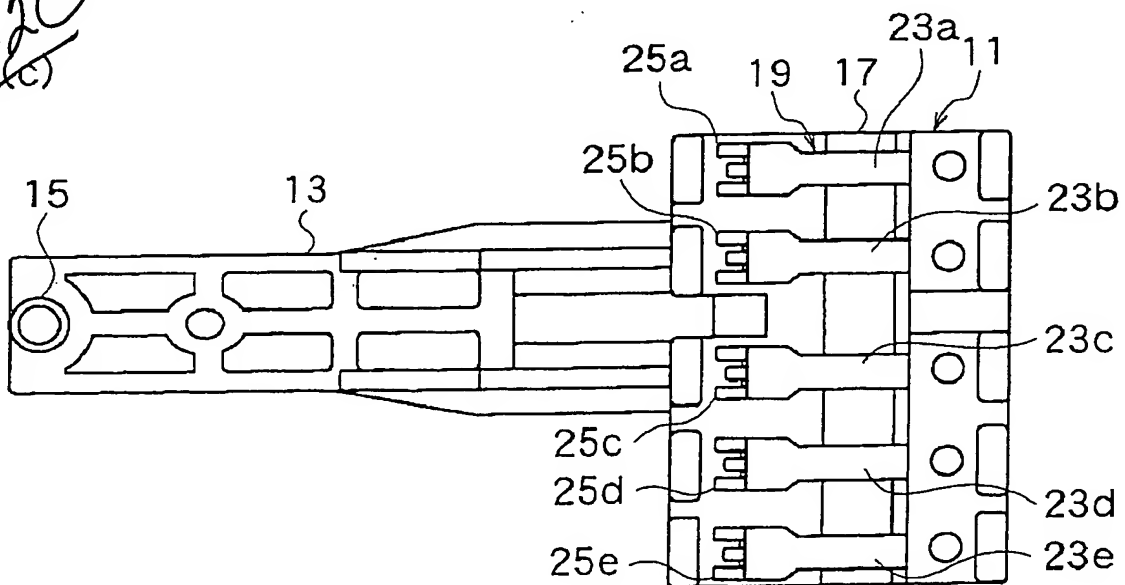


Fig.10

PRIOR ART

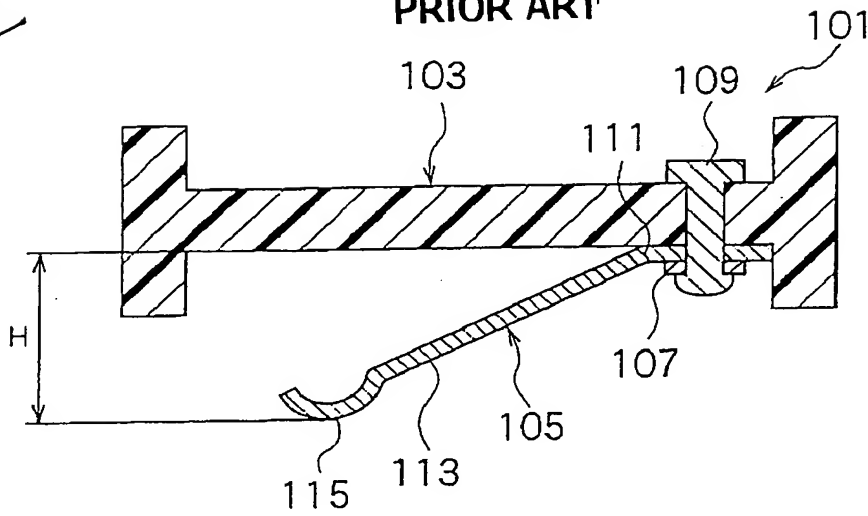


Fig. 10B
(b)

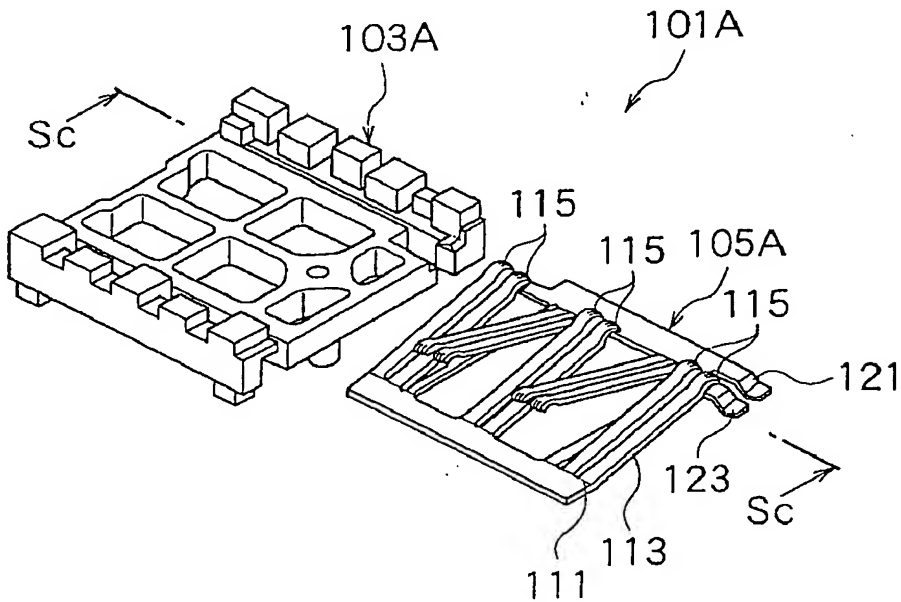


Fig. 10C
(c)

